



Global Development



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## **2008 USAID Development 2.0 Challenge submissions**

### **HUMANITARIAN ASSISTANCE**

- 1) Connecting Refugees
- 2) CoordinAid: Technology To Augment Humanitarian Relief Efforts
- 3) DAlert- Early Disaster Warning, Education And Awareness Program For Bangladesh
- 4) Emergency And Disaster Management Information System
- 5) FloodSMS – Early Detection And Warning Of Catastrophic Flooding Via SMS
- 6) Fund As Well As Awareness Raising For Humanitarian Projects Through Microblogging By Mobile Phone
- 7) Refugees Position & Donations Management During Periods Of Crisis
- 8) Ushahidi V2 - Mobile.Crisis.Reporting
- 9) Views From The Frontline: Giving Disaster Affected Communities A Voice

## 1) Connecting Refugees

**Purpose:** Develop an online social network and mobile technology tools to connect refugees and humanitarian aid workers through stories and resources.

**Where it has worked:** Not yet implemented.

**Business model:** Dependent on grants and volunteers.

**Tech approach:** Mobile phones and Internet.

**Other partners/funding sources:** None indicated.

**Project URL:** <http://connectingrefugees.ning.com/>

**Contact Info:**

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## 2) CoordinAid: Technology To Augment Humanitarian Relief Efforts

**Purpose:** A mobile, web-based solution that improves coordination of humanitarian aid and disaster relief logistics. It aggregates aid shipment requests over SMS and Internet from humanitarian organizations, creating bulk shipments which maximize transport capacities, lowering costs.

**Where it has worked:** Not yet implemented. CoordinAid will initially target pilot testing in countries already receiving significant humanitarian assistance, such as Uganda, Chad, or Haiti.

**Business model:** CoordinAid will charge a fee per shipment request, and a subscription to access online community tools.

**Tech approach:** SMS and Web-based technologies.

**Other partners/funding sources:** None indicated.

**Project URL:** n/a

**Contact Info:**

### 3) DAlert- Early Disaster Warning, Education And Awareness Program For Bangladesh

**Purpose:** Deploy an effective early disaster warning system using mobile SMS gateway, Wireless Application Protocol, Interactive Voice Response and Direct Dialing helpdesk.

**Where it has worked:** Not yet implemented. Needs assessment performed for Bangladesh.

**Business model:** The project will partner with cellular phone operators to reach out the country's 40 million mobile phone users. The project plans to receive a part of revenue generated by the mobile phone operators from the information requests sent through the project SMS gateway.

**Tech approach:** SMS, WAP, Interactive Voice Response, and Direct Dialing helpdesk.

**Other partners/funding sources:** Relief International, Bangladesh and newsNet, Bangladesh

**Project URL:** <http://media-humanrights.org/d-alert/>

**Contact Info:**

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### 4) Emergency And Disaster Management Information System

**Purpose:** Deploy an ICT platform that will involve citizens in the prevention and awareness of disasters. It distributes summaries and alerts based on reports submitted from citizens and social organizations in disaster-risk areas using pay phones, fixed phones, mobile phones, SMS, and the Internet.

**Where it has worked:** Not yet implemented.

**Business model:** Anticipates government funding.

**Tech approach:** SMS, voice messages, and the Internet.

**Other partners/funding sources:** None indicated.

**Project URL:** n/a

**Contact Info:**

## 5) FloodSMS – Early Detection And Warning Of Catastrophic Flooding Via SMS

**Purpose:** Develop a flood early warning application which will push SMS messages to people downstream of a flood event giving them up to 24 hours advanced warning.

**Where it has worked:** Not yet implemented. Project planned for the Terai region of Nepal-India.

**Business model:** FloodSMS will be free and open source. NiJeL will earn revenues from tailoring the service for particular governments and organizations to help support the application's further development and maintenance.

**Tech approach:** SMS.

**Other partners/funding sources:** NiJeL.org - Community Impact Through Mapping

**Project URL:** n/a

**Contact Info:**

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## 6) Fund As Well As Awareness Raising For Humanitarian Projects Through Microblogging By Mobile Phone

**Purpose:** Allow beneficiaries of humanitarian projects to micro-blog via SMS about daily achievements to raise awareness and solicit donations.

**Where it has worked:** Not yet implemented.

**Business model:** Not specified.

**Tech approach:** SMS.

**Other partners/funding sources:** None indicated.

**Project URL:** n/a

**Contact Info:**

## 7) Refugees Position & Donations Management During Periods Of Crisis

**Purpose:** Develop mobile tools to track donations to humanitarian assistance projects and allow refugees and their relatives to exchange information via SMS about their whereabouts.

**Where it has worked:** Not yet implemented.

**Business model:** Not specified.

**Tech approach:** SMS and smartphones.

**Other partners/funding sources:** None indicated.

**Project URL:** n/a

**Contact Info:**

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## 8) Ushahidi v2 - Mobile.Crisis.Reporting (\*\*DEVELOPMENT 2.0 CHALLENGE RUNNER-UP\*\*)

**Purpose:** Add mobile capability to Ushahidi, an open source application that solves communication and visualization challenges during crises situations through mapping and crowdsourcing.

**Where it has worked:** During Kenya's election crisis, the site was used to report and geographically display incidents of violence and abuse. The platform has also been used in South Africa to track xenophobic violence.

**Business model:** Will provide value added services: deeper customization, integration with other tools, hosting and installation, to subsidize maintenance and further development.

**Tech approach:** SMS, smartphones (J2ME, iPhone and Android), GPS capability.

**Other partners/funding sources:** Humanity United

**Project URL:** <http://www.ushahidi.com>

**Contact Info:**

## 9) Views From The Frontline: Giving Disaster Affected Communities A Voice

**Purpose:** Use MoSoSo (Mobile Social Software) with its emphasis on human emotional interfacing and 'Mesh' networking approaches to allow those affected by disasters to communicate the aid they require.

**Where it has worked:** Not yet implemented.

**Business model:** Not specified.

**Tech approach:** Two platform options: either the OLPC (One Laptop per child) XO1 or Wifi-enabled mobile phones that can be configured for Mesh networking.

**Other partners/funding sources:** UN International Strategy for Disaster reduction (UNISDR), Tearfund

**Project URL:** <http://www.globalnetwork-dr.org>

**Contact Info:**

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